



# LL6208LJ

## Product Technical Information

LL6208LJ is a linear low density polyethylene copolymer containing hexene as the co-monomer. It contains a slip and anti-blocking formulation.

## Applications

LL6208LJ has been developed for blown film applications where excellent mechanical and optical performance is required.

## Benefits and features

LL6208LJ offers high slip film with easy opening properties. Addition of other polymers, master-batches and pigments may alter film slip and anti-blocking performance.

Properties	Test Method	Value	Units
<b>Physical</b>			
Melt flow rate			
Condition 4	ISO 1133	0.9	g/10 min
Conventional Density	ISO 1183 Method D	921	kg/m <sup>3</sup>
Additives:			
• antioxidants			
• Slip (Erucamide)	INEOS method	1200	ppm
• Antiblock	INEOS method	2200	ppm
<b>FILM (*)</b>			
Dart drop Impact	ASTM D1709 Method A	290	g
Tensile stress at yield (MD/TD)	ISO 0527	12 / 12	MPa
Tensile stress at break (MD/TD)	ISO 0527	49 / 37	MPa
Elongation at break (MD/TD)	ISO 0527	580 / 700	%
1 % Secant Modulus (MD/TD)	ISO 0527	200 / 225	MPa
Elmendorf Tear Strength (MD/TD)	ASTM D 1922	350 / 630	g/25µm
Coefficient Of Friction	ASTM D1894-95	0.20	-
Haze	ASTM D1003	13	%
Gloss (45°)	ASTM D2457	57	%

Data should not be used for specification work.

(\*) 25 µm film, BUR 2.5 : 1, Melt temperature 220°C – MD = Machine Direction, TD = Transverse Direction



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## Extrusion Conditions

LL6208LJ can be processed on most standard extrusion equipment. Optimisation may be required depending on the exact end use requirements.

Recommended melt temperature range is 180 – 230°C.

LL6208LJ can be used in blends to optimize film properties.

## Storage

LL6208LJ should be stored in a dry and dust free environment at temperatures below 50°C. Exposure to direct sunlight should be avoided, as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.